

Appln No. 10/675,227

Amdt date July 25, 2005

Reply to Office action of March 24, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A press-fit terminal press-fitted into and held by a through-hole provided on a wiring board, comprising:

a pressure retaining part[[;]] and an introducing part provided in the press-fit terminal having an aperture extending in the axial direction of the terminal, wherein
the aperture generates an elastic force in the pressure retaining part and the introducing part when the press-fit terminal is press-fitted, and

the pressure retaining part generates [[an]] the elastic force which becomes a holding force when the pressure retaining part is press-fitted into the through-hole, and the introducing part generates [[an]] the elastic force, the intensity of which is lower than that of the elastic force generated by the pressure retaining part.

2. (Currently Amended) An electronic equipment comprising: a wiring board having a through-hole; and a press-fit terminal press-fitted into and held by the through-hole, wherein

the press-fit terminal includes a pressure retaining part and an introducing part formed by an aperture extending in the

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axial direction of the terminal,

the aperture generates an elastic force in the pressure retaining part and the introducing part when the press-fit terminal is press-fitted into the through-hole,

the pressure retaining part generates [[an]] the elastic force which becomes a holding force when the pressure retaining part is press-fitted into the through-hole, and

the introducing part generates [[an]] the elastic force, the intensity of which is lower than that of the elastic force generated by the pressure retaining part.

3. (Original) A press-fit terminal according to claim 1, wherein said introducing part is formed so that a diameter of the introducing part is gradually reduced when it comes to an end portion.

4. (Canceled)

5. (Currently Amended) A press-fit terminal according to claim [[4]] 3, wherein a cross-sectional area of said introducing part is smaller than that of said pressure retaining part.

6. (Original) A press-fit terminal according to claim 5, wherein when an aperture of said introducing part is formed being extended in the axial direction toward an end portion, the cross-sectional area of the introducing part is adjusted.

7. (Currently Amended) A press-fit terminal according to claim [[4]] 3, wherein a region of said aperture corresponding

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to the ~~press-fitting~~ pressure retaining part is formed small, and a region of the aperture corresponding to said introducing part is formed large.

8. (Currently Amended) A press-fit terminal according to claim 7, wherein the region of said aperture corresponding to the ~~press-fitting~~ pressure retaining part is formed small so that a reduction in the elastic force of the ~~press-fitting~~ pressure retaining part, which is caused when the cross-sectional area of said introducing part is decreased, can be made up.

9. (Original) A press-fit terminal according to claim 1, wherein said wiring board is composed of a laminated board.

10. (Original) A press-fit terminal according to claim 1, wherein said wiring board is composed of a laminated board on which a plurality of glass fiber sheets are multiply laminated, and printed wiring is provided on the surface.

11. (Original) A press-fit joining wiring board made of a sheet-like base material, having a through-hole into which a press-fit terminal is press-fitted so that it can be held, wherein an elastic material is contained in the resin for combining the sheet-like base material.

12. (Original) An electronic equipment comprising a wiring board made of a sheet-like base material, having a through-hole into which a press-fit terminal is press-fitted so that it can be held, wherein an elastic material is contained in

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the resin for combining the sheet-like base material.

13. (Original) A press-fit joining wiring board according to claim 11, wherein said elastic material is made of elastic particulates dispersed in the resin of the board.

14. (Original) A press-fit joining wiring board according to claim 13, wherein said elastic particulates are made of one of acrylic rubber, silicon rubber and nitrile butadiene rubber or the elastic particulates are made of a combination in which a plurality of the rubber materials are combined with each other.

15. (Original) A press-fit joining wiring board according to claim 11, wherein said elastic material is filled in a surface layer portion of the board.

16. (Original) A press-fit joining wiring board according to claim 11, wherein an inner circumferential face of said through-hole is made of metal, the hardness of which is higher than that of copper.